

Converting Colors

YUV(127.4660, 50.5493,
26.7783)

Have a look what the booklet for
YUV(127.4660, 50.5493, 26.7783)
contains.

YUV(127.4660, 50.5493, 26.7783)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(127.4660, 50.5493,
26.7783)**

Conversions

Conversions Part 1

Format	Color
Hex	9E5CE6
RGB	158, 92, 230
RGB Percent	62%, 36%, 90%
CMY	0.3804, 0.6392, 0.0980
CMYK	0.31, 0.60, 0.00, 0.10
HSL	269°, 73%, 63%
HSV	269°, 60%, 90%
XYZ	32.2106, 20.6366, 77.1485
YIQ	127.4660, -4.9620, 56.9100

Conversions

Conversions Part 2

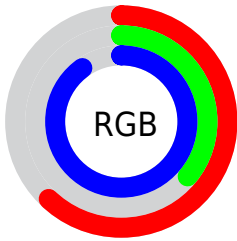
Format	Color
R_{YB}	158, 92, 230
Decimal	10378470
CIE _{Lab}	52.55, 53.13, -60.11
CIE _{LCh}	53, 80.223, 311.469
Yxy	20.6366, 0.2478, 0.1587
Android (android.graphics.Color)	4288568550 (0xFF9E5CE6)
YUV	127.4660, 50.5493, 26.7783
Hunter-Lab	45.4275, 47.0684, -68.8916

Details

The YUV color **127.4660, 50.5493, 26.7783** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **194.5340, -50.5493, -26.7783**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.7690, 37.5819, 32.6516**, and **73.5150, 49.5391, 24.1043** is the 20% darker color. If you saturate the color by 10%, you get **110.3770, 58.9741, 31.2414**, and if you desaturate by 10%, it is **144.5550, 42.1244, 22.3153**.

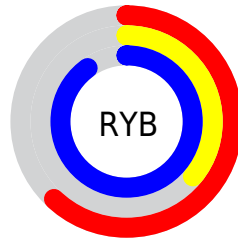
Distribution



Red (62%)

Green (36%)

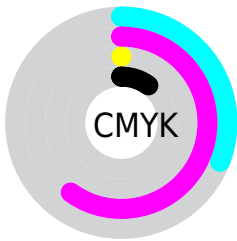
Blue (90%)



Red (62%)

Yellow (36%)

Blue (90%)

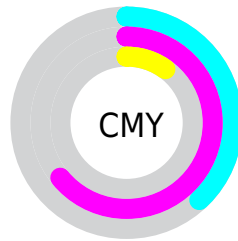


Cyan (31%)

Magenta (60%)

Yellow (0%)

Black (10%)



Cyan (38%)

Magenta (64%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.4660, 50.5493, 26.7783 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 127.4660, 50.5493, 26.7783 by changing the saturation by 10% instead.

■ 127.4660, 50.5493,
26.7783

■ 127.4660, 50.5493,
26.7783

■ 255.0000, 0.0000,
0.0000

■ 100.2270, 49.6811,
25.2339

■ 178.7690, 37.5819,
32.6516

■ 73.5150, 49.5391,
24.1043

■ 203.5880, 25.3461,
37.1953

■ 43.7540, 50.4073,
25.6487

■ 222.7150, 15.9165,
28.3139

■ 26.2380, 46.2247,
13.8233

■ 239.7380, 7.5242,
13.3848

■ 11.3140, 40.7642,
-8.1684

■ 7.9800, 30.5759,
-6.9985

■ 7.5920, 18.9351,

-6.6582

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 127.4660, 50.5493,
26.7783

■ 127.4660, 50.5493,
26.7783

■ 110.3770, 58.9741,
31.2414

■ 144.5550, 42.1244,
22.3153

■ 93.2880, 67.3990,
35.7044

■ 161.6440, 33.6995,
17.8522

■ 76.1990, 75.8239,
40.1675

■ 178.7330, 25.2746,
13.3892

■ 59.1100, 84.2488,
44.6305

■ 195.8220, 16.8498,
8.9261

212.9110, 8.4249,
4.4631

230.0000, 0.0000,
0.0000

247.0890, -8.4249,
-4.4631

251.8510,
-10.7725, 1.8847

252.1500,
-10.9200, 2.4994

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



103.0320, 74.9202, -90.3591



127.4660, 50.5493, 26.7783



112.8850, 28.6507, 97.4479

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



127.4660, 50.5493, 26.7783



117.8360, -58.0931, 59.7798



108.1990, 21.1009, -94.8905

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



127.4660, 50.5493, 26.7783



194.5340, -50.5493, -26.7783

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



98.1160, -9.9172, -86.0477



127.4660, 50.5493, 26.7783



115.1690, -56.7783, 11.2528

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



127.4660, 50.5493, 26.7783



111.7790, -37.8520, 101.0488



96.7760, -47.7106, -50.6696



114.4350, 50.0715, -100.3595

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



127.4660, 50.5493, 26.7783



95.7010, 14.4444, 127.4272



96.7760, -47.7106, -50.6696



104.8760, 10.9071, -91.9763

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



127.4660, 50.5493, 26.7783



220.8220, 16.8498, 8.9261



151.1700, 38.8632, -51.8921



106.4920, 10.6034, 5.7075



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



127.4660, 50.5493, 26.7783



118.2880, 67.3990, 35.7044



147.4990, 40.6730, 67.9684



106.1620, 4.3571, 2.4889



45.8210, 65.6572, 34.3600



12.9900, 18.7389, 9.6558

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



141.4700, 11.1073, 77.6408



136.9600, 14.8097, 103.5211



174.5010, -40.6730, -67.9684



107.2720, 0.8519, 6.7775



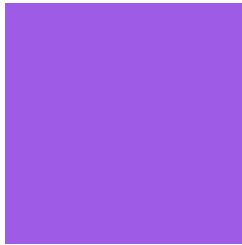
64.1230, 14.2364, 100.7471



18.3270, 4.2758, 28.6542

Previews

White Background



This preview shows how the YUV color 127.4660, 50.5493, 26.7783 looks on a white background.

Color Contrast Check

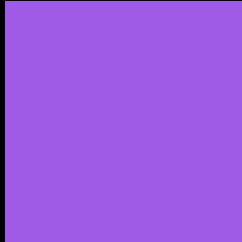
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YUV color 127.4660, 50.5493, 26.7783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 127.4660, 50.5493, 26.7783

Background



This preview shows how black text looks on a background with the YUV color 127.4660, 50.5493, 26.7783.



This preview shows how white text looks on a background with the YUV color 127.4660, 50.5493, 26.7783.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

127.4660, 50.5493, 26.7783

Protanopia

106.9740, 72.9768, -73.6452

Deuteranopia

110.7350, 55.3466, -65.5426



Tritanopia

126.7070, 1.1304, 10.7810

Trichromacy



Original Color

127.4660, 50.5493, 26.7783



Protanomaly

114.1420, 65.0060, -36.9585



Deuteranomaly

116.6020, 53.9332, -32.1000



Tritanomaly

127.1480, 19.1540, 16.5332

Monochromacy



Original Color

127.4660, 50.5493, 26.7783



Achromatopsia

127.0000, 0.0000, 0.0000



Achromatomaly

126.8760, 18.3021, 9.7557

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.4660, 50.5493, 26.7783 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(158, 92, 230)` looks like.

```
.text, #text, p{  
    color:rgb(158, 92, 230)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(158, 92, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 92, 230) }
```

Border

The CSS property to change the border of an element to YUV 127.4660, 50.5493, 26.7783 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(158, 92, 230) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(158, 92, 230) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(158, 92, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 92, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 92, 230);  
box-shadow:4px 4px 4px 4px rgb(158, 92,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 127.4660, 50.5493, 26.7783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 92, 230) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(158, 92,  
230) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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